

Title (en)

DENTAL IMPLANT HAVING MULTIPLE TEXTURED SURFACES

Title (de)

ZAHNIMPLANTAT MIT MEHRFACH STRUKTURIERTER OBERFLÄCHE

Title (fr)

IMPLANT DENTAIRE POSSEDANT DES SURFACES STRUCTUREES MULTIPLES

Publication

**EP 0798992 A1 19971008 (EN)**

Application

**EP 95943783 A 19951208**

Priority

US 9516219 W 19951208

Abstract (en)

[origin: WO9721393A1] A dental implant (10) for osseointegration in alveolar bone. The implant includes an annular shoulder (18) and a plurality of splines (32) extending axially therefrom for interdigitated engagement with similar splines of an abutment for supporting a tooth prosthesis. The bone-engaging surface (22) of the implant includes a biocompatible porous metal surface (24) into which bone can grow, an intermediate non-porous, rough, biocompatible metal surface (26) to which bone can attach that is located between the porous surface and the annular shoulder, and a smooth, non-porous biocompatible metal surface (28) located between the intermediate surface and the annular shoulder.

IPC 1-7

**A61C 8/00**

IPC 8 full level

**A61C 8/00** (2006.01)

CPC (source: EP US)

**A61C 8/0006** (2013.01 - EP US); **A61C 8/0012** (2013.01 - EP US); **A61C 8/0018** (2013.01 - EP US); **A61C 8/0022** (2013.01 - EP US);  
**A61C 8/0013** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

DE

DOCDB simple family (publication)

**WO 9721393 A1 19970619**; DE 69535892 D1 20090108; EP 0798992 A1 19971008; EP 0798992 A4 20060621; EP 0798992 B1 20081126;  
US 5989027 A 19991123

DOCDB simple family (application)

**US 9516219 W 19951208**; DE 69535892 T 19951208; EP 95943783 A 19951208; US 86065797 A 19971002